## **RAW SEQUENCE LISTING**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	10/541,513
Source:	, 14/10
Date Processed by STIC:	7/19/05

## ENTERED



PCT

**RAW SEQUENCE LISTING**PATENT APPLICATION: **US/10/541,513**DATE: 07/19/2005

TIME: 15:11:28

Input Set : A:\Final sequence list-12810-00106-US.txt

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3 <110> APPLICANT: Steiger, Sabine
              Sandmann, Gerhard
      6 <120> TITLE OF INVENTION: Method for producing ketocarotenoids by cultivating
genetically
             modified organisms
      9 <130> FILE REFERENCE: 12810-00106-US
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/541,513
C--> 11 <141> CURRENT FILING DATE: 2005-07-08
     11 <150> PRIOR APPLICATION NUMBER: PCT/EP2003/014876
    12 <151> PRIOR FILING DATE: 2003-12-24
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    15 <151> PRIOR FILING DATE: 2003-01-09
    17 <160> NUMBER OF SEQ ID NOS: 15
    19 <170> SOFTWARE: PatentIn version 3.3
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    36 tta agt gct aaa gaa gat act gtt tgg ggg ctg gtg att gtc ata gta
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    40 att att agt ctt tgg gta gct agt ttg gct ttt tta cta gct att aat
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    41 Ile Ile Ser Leu Trp Val Ala Ser Leu Ala Phe Leu Leu Ala Ile Asn
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    44 tat gcc aaa gtc cca att tgg ttg ata cct att gca ata gtt tgg caa
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    45 Tyr Ala Lys Val Pro Ile Trp Leu Ile Pro Ile Ala Ile Val Trp Gln
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    52 ggg tca gtt tat cgt aaa aat ccc aaa att aat aat ttt atc ggt tca
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    53 Gly Ser Val Tyr Arg Lys Asn Pro Lys Ile Asn Asn Phe Ile Gly Ser
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    56 cta gct gta gcg ctt tac gct gtg ttt cca tat caa cag atg tta aag
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    57 Leu Ala Val Ala Leu Tyr Ala Val Phe Pro Tyr Gln Gln Met Leu Lys
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    60 aat cat tgc tta cat cat cgt cat cct gct agc gaa gtt gac cca gat
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RAW SEQUENCE LISTING DATE: 07/19/2005
PATENT APPLICATION: US/10/541,513 TIME: 15:11:28

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	145	110	Olu	- 7 -	DCI	150	115	OIII	0111	11CU	155	Val	ncu.	1111	110	160	
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	Pne	ASII	neu	Ala	_	TAT	vai	теп	птэ		птъ	GIII	TIE	ASII		116	
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96	aat	tca	gta	acc	aat	tca	taa										789
				Thr													
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						. T.176	. Dro	\ 17a1	l Sar	~ <b>Т</b> ъл	~ Тъл	r 17a	: רגו	ь т14	. Gl	ı Gln	
	) 1	. ASI	1 1110	- Cys	, 125 5	, ny.	, , ,	, va.	. bei	10	. 1y1	L va.	LAIC	1 110	15	. GIII	
			~ Al-	. T.	_	7.00	v The	- 17-1	T		. To	, v.	1 T1/	. 17-1		e Val	
		1 261	. Alc	_	GIU	LASE	, 1111	. va.	_	GI	, пес	ı va.	r TT		r 114	e vai	
114				20					25		. Dl.	<b></b>	. <b>.</b>	30	1.		
		; TTE		r Leu	Tr	va.	LAIS		. Let	1 Ala	a Pne	e re		1 Ala	1 116	e Asn	
118			35		_		_	40		_			45		-		
			я гув	s vai	Pro	116		) Let	ı II.	Pro	) 116		3 116	e va.	l Tr	Gln	
122		50					55		_	_		60					
		. Phe	e Lev	ı Tyr	Thr		/ Let	ι Ph∈	e Ile	Thr		a His	s Asp	) Ala	a Met	His	
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		ser Ser	· Val	LTyr	Arg	Lys	Asr.	Pro	Lys	$: Il \epsilon$	Ası	n Ası	ı Phe	e Ile	e Gly	y Ser	
130	)				85					90					95		
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RAW SEQUENCE LISTING DATE: 07/19/2005
PATENT APPLICATION: US/10/541,513 TIME: 15:11:28

Input Set : A:\Final sequence list-12810-00106-US.txt

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RAW SEQUENCE LISTING DATE: 07/19/2005
PATENT APPLICATION: US/10/541,513 TIME: 15:11:28

Input Set : A:\Final sequence list-12810-00106-US.txt

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	FIIC		ASII	GIY	пур	птэ		Ser	FIIC	FIIC	Ата	140	T Y T	FIIC	1115	FILE	
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249		001			245			914		_	2,5	1114	_,				
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Output Set: N:\CRF4\07192005\J541513.raw

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VERIFICATION SUMMARY

DATE: 07/19/2005

PATENT APPLICATION: US/10/541,513

TIME: 15:11:29

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L:11 M:270 C: Current Application Number differs, Replaced Current Application No L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date